

ABSTRACT

Sub A⁸ Continuous streaming video is conditioned for display at a remote monitor adapted for receiving and playing a streaming video file of a discrete length. The continuous streaming video has no known beginning of data signal and no known end of data signal, and an arbitrary beginning of data signal is assigned to the streaming video in mid-stream and an arbitrary end of data signal is assigned to the streaming video for identifying the length of the video stream and for making it compatible with the display platform. The continuous streaming video may be time stamped, and the beginning of data signal may be arbitrarily assigned a zero value for identifying an artificial beginning of the file. Specifically, the each time stamp received may be calculated by resetting each time stamp received time stamp with a value of the current time stamp minus first time stamp received, whereby the first time stamp received is set to zero and additional time stamps are counted from the first time stamp received. The encoded video signal may be viewed by more than one user, wherein the streaming video signal is sent to a multicast group address for forwarding the stream identified recipients, with a multicast routing technique used for determining that multiple recipients are located on one specific network path or path segment, wherein only one copy of the video signal is sent along that path.